

Toad® for Oracle Editions 10.5

Silent Installation Guide



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About Toad Editions

Toad for Oracle is available in several different editions. Each of these is packaged with additional Quest products to expand your Oracle experience. In addition, the DB Admin module for Toad can be added to any edition. The following editions are available:

Toad for Oracle Base Edition <ul style="list-style-type: none"> • Toad for Oracle • Knowledge Xpert for PL/SQL • Knowledge Xpert for Oracle Admin • Toad Data Modeler • Toad for Data Analysts 	Toad for Oracle Professional Edition <ul style="list-style-type: none"> • Toad for Oracle Professional • Knowledge Xpert for PL/SQL • Knowledge Xpert for Oracle Admin • Toad Data Modeler • Toad for Data Analysts
Toad for Oracle Xpert Edition <ul style="list-style-type: none"> • Toad for Oracle Xpert • Quest SQL Optimizer for Oracle • Knowledge Xpert for PL/SQL • Knowledge Xpert for Oracle Admin • Toad Data Modeler • Toad for Data Analysts 	Toad Development Suite for Oracle <ul style="list-style-type: none"> • Toad for Oracle Xpert • Quest SQL Optimizer for Oracle • Knowledge Xpert for PL/SQL • Knowledge Xpert for Oracle Admin • Quest Code Tester for Oracle • Benchmark Factory for Databases - Oracle Edition • Toad Data Modeler • Toad for Data Analysts
Toad DBA Suite for Oracle <ul style="list-style-type: none"> • Toad for Oracle Xpert • DB Admin Module Add-on • Quest SQL Optimizer for Oracle • Knowledge Xpert for PL/SQL • Knowledge Xpert for Oracle Admin • Spotlight on Oracle • Benchmark Factory for Databases - Oracle Edition • Toad Data Modeler • Toad for Data Analysts 	Toad DBA Suite for Oracle - RAC Edition <ul style="list-style-type: none"> • Toad for Oracle Xpert • DB Admin Module Add-on • Quest SQL Optimizer for Oracle • Knowledge Xpert for PL/SQL • Knowledge Xpert for Oracle Admin • Spotlight on Oracle with RAC option • Benchmark Factory for Databases - Oracle Edition • Toad Data Modeler • Toad for Data Analysts

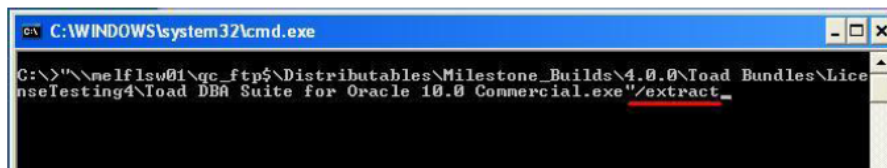
Silent Installation

Extract MSI Files

The Quest Installer can be opened in *extract mode*, which allows you to extract the various product MSI installers that are contained within the Toad Editions. You can then run these MSI files to perform silent installations.

To extract MSI files from the Quest Installer

1. Run any of the Toad Editions from the command prompt, and add the **/extract** parameter:



Note: You can only extract the MSI files that are contained within the bundle you select. Make sure that you use a bundle that contains the MSI files that you require.

The Quest Installer opens in extract mode and displays the Extract Location page.

The default path for the extracted files and the extraction log is the Temp directory for the currently logged on user:

C:\Documents and Settings\current_user\Local Settings\Temp\

2. Review the following for additional information:

Product Selection Page	Description
Select the product you want to extract	Verify that all the products you want to extract display in this list. If a product does not display, you should start over and extract a bundle that contains all the files.
Finish Page	Description
Readme.txt	Click this link to open the extraction log as well as the command-line parameters that are needed to perform default installations of the products. It also defines the order in which the products need to be installed to satisfy the dependencies between the products

See "Parameters for Silent Installations" (page 7) for more information about performing a custom installation instead of the default installation.

Note: You do not need to install the Quest Installer on any of the computers where you are silently installing the Toad products. The Quest Installer is used only to extract the required MSI files.

Parameters for Silent Installations

The following parameters are available for a silent install:

Option	Parameter	Description
/l	Package ProductCode	Installs or configures the product.
/f	[p o e d c a u m s v] Package ProductCode	Repairs the product. This option ignores any property values entered in the command-line. The default argument list for this option is 'omus.' The following options are available: <ul style="list-style-type: none">• p—Reinstalls only if a file is missing.• o—Reinstalls if a file is missing or an older version is installed.• e—Reinstalls if a file is missing or an equal or older version is installed.• d—Reinstalls if a file is missing or a different version is installed.• c—Reinstalls if a file is missing or the stored checksum does not match the calculated value. This option only repairs files that have msidbFileAttributesChecksum in the Attributes column of the File table.• a—Forces all files to be reinstalled.• u—Rewrites all required, user-specific registry entries.• m—Rewrites all required, computer-specific registry entries.• s—Overwrites all existing shortcuts.• v—Runs from source and re-caches the local package. Do not use this option for the initial installation of the product or feature.

Option	Parameter	Description
/a	Package	Installs the product on the network.
/x	Package/ProductCode	Uninstalls the product.
/l	[i w e a r u c m o p v x + ! *] Logfile	<p>Writes logging information to a logfile in the specified path. The path to the logfile location must already exist. The installer does not create the directory structure for the logfile. Flags indicate which information to log. If no flags are specified, the default is 'iwearmo.'</p> <ul style="list-style-type: none"> • i—Status messages. • w—Nonfatal warnings. • e—All error messages. • a—Start up of actions. • r—Action-specific records. • u—User requests. • c—Initial UI parameters. • m—Out-of-memory or fatal exit information. • o—Out-of-disk-space messages. • p—Terminal properties. • v—Verbose output. • x—Extra debugging information. Only available on Windows Server 2003. • +—Append to existing file. • !—Flush each line to the log. • "*"—Log all information except for the v and x options. To include the v and x options, enter "/l*vx".

Option	Parameter	Description
/q	n b r f	<p>Sets the user interface level. Review the following options:</p> <ul style="list-style-type: none"> • q, qn—No UI • qb—Basic UI. Use qb! to hide the Cancel button. • qr—Reduced UI with no modal dialog box displayed at the end of the installation. • qf—Full UI and any authored FatalError, UserExit, or Exit modal dialog boxes at the end. • qn+—No UI except for a modal dialog box displayed at the end. • qb+—Basic UI with a modal dialog box displayed at the end. The modal box does not display if you cancel the installation. Use qb+! or qb!+ to hide the Cancel button. • qb- —Basic UI with no modal dialog boxes. Note that /qb+- is not a supported UI level. Use qb-! or qb!- to hide the Cancel button. <p>Note: The ! option is available with Windows Installer 2.0 and works only with basic UI. It is not valid with the full UI.</p>

Install Toad for Oracle Silently

Full Install

To install Toad silently

1. Extract the MSI from the Quest Installer. See "Extract MSI Files" (page 6) for more information.
2. Enter a command similar to the following:

```
msiexec /i "<path to msi file>\ToadforOracle_
version.msi">"INSTALLDIR="<installation folder, including final \>"
ADDLOCAL=Client,Server/q /l*v <path to install log, including file
name>
```

Note: INSTALLDIR must include the final \ to perform a silent installation.

For example:

```
msiexec /i "C:\Documents and  
Settings\Johndoe\desktop\ToadforOracle10.5.exe"INSTALLDIR="C:\Programs\Quest  
Software\Toad for Oracle" ADDLOCAL=Client,Server/q /l*v  
"C:\install.log"
```

Network Install

To install Toad silently on a network

1. Extract the MSI from the Quest Installer. See "Extract MSI Files" (page 6) for more information. See "Extract MSI Files" (page 6) for more information.
2. Install the server side by entering a command similar to the following:

```
msiexec /i "<path to msi file\ToadforOracle_  
version.msi>"INSTALLDIR="<installation folder, including final \>"  
ADDLOCAL=Server /q /l*v <path to install log, including file name>
```

For example:

```
msiexec /i "C:\Documents and  
Settings\johndoe\desktop\ToadforOracle10.5.exe"INSTALLDIR="Z:\Programs\Quest  
Software\Toad for Oracle" ADDLOCAL=Server/q /l*v "C:\install.log"
```

3. Install the client side by entering a command similar to the following:

```
msiexec /i "<path to msi file\ToadforOracle_  
version.msi>"INSTALLDIR="<installation folder, including final \>"  
ADDLOCAL=Client SERVERDIR="<path to server folder, including final \>"  
/q /l*v <path to install log, including file name>
```

Where SERVERDIR is the same as INSTALLDIR from the previous command that silently installed the server side.

For example:

```
msiexec /i "C:\Documents and  
Settings\johndoe\desktop\ToadforOracle10.5.exe"INSTALLDIR="C:\Programs\Quest  
Software\Toad for Oracle" ADDLOCAL=Client SERVERDIR="Z:\Programs\Quest  
Software\Toad for Oracle" /q /l*v "C:\install.log"
```

Note: Both INSTALLDIR and SERVERDIR must include the final \ in order for a silent installation to be performed.

Patch Install

These instructions only apply to a patch release (such as the Toad 10.1 patch release).

If you have already installed Toad for Oracle, to upgrade silently you must include the following parameters on the msiexec command-line to specify an upgrade:

REINSTALLMODE=vo REINSTALL=ALL

Additional command-line parameters can still be included.

For example, if you are currently in the directory where the MSI resides, entering the following installs to the standard location:

```
msiexec.exe /i <path to msi file\ToadforOracle_version_SetupFull.msi>  
REINSTALLMODE=vo REINSTALL=ALL
```

You can also set additional parameters, or run the MSI from a location other than the active directory, as in the following example:

```
msiexec /i "C:\Documents and Settings\johndoe\desktop\  
ToadforOracle10.5SetupFull.msi REINSTALLMODE=vo REINSTALL=ALL  
INSTALLDIR="C:\Programs\Quest Software\Toad for Oracle\" /q /l*v  
"C:\install.log"
```

Note: If these parameters are not included, the msi registers that Toad is already installed and does not upgrade Toad.

Silent Uninstall

To silently uninstall Toad

- » Enter a command similar to the following:

```
msiexec /x "<path to msi file\ToadforOracle_  
version.SetupFull.msi>" /q
```

Install Knowledge Xpert Silently

When silently installing Knowledge Xpert (Oracle Admin and PL/SQL), you must also install the Knowledge Xpert Engine and the Knowledge Xpert Oracle Common components.

To install Knowledge Xpert silently

1. Extract the MSI from the Quest Installer. See "Extract MSI Files" (page 6) for more information. See "Extract MSI Files" (page 6) for more information.
2. Enter the following command:

```
msiexec.exe /i "<path to msi file\KXEngineSetup.msi>" /q /l*v "<path to_  
install_log\KXEngineSetup.msi.log" /qn TARGETDIR="install_dir\Knowledge  
Xpert" ARPSYSTEMCOMPONENT=1 DISABLEADVTSHORTCUTS=1
```

3. Enter the following command:

```
msiexec.exe /i "<path to msi file\KXOraCommon.msi>" /q /l*v "<path to  
install_log\KXOraCommon.msi.log>" /qn TARGETDIR="install_dir\Knowledge  
Xpert" ARPSYSTEMCOMPONENT=1
```

4. Enter the following command:

```
msiexec.exe /i "<path to msi file\KXOraAdmSetup.msi>" /q /l*v "<path to  
install log\KXOraAdmSetup.msi.log>" /qn TARGETDIR="install_  
dir\Knowledge Xpert" ARPSYSTEMCOMPONENT=1
```

5. Enter the following command:

```
msiexec.exe /i "<path to msi file\KXPLSQLSetup.msi>" /q /l*v "<path_to_install_  
log\KXPLSQLSetup.msi.log>" /qn TARGETDIR="install_dir\Knowledge Xpert"  
ARPSYSTEMCOMPONENT=1
```

Install Code Tester Silently

To install Code Tester silently

1. Extract the MSI from the Quest Installer. See "Extract MSI Files" (page 6) for more information. See "Extract MSI Files" (page 6) for more information.
2. Enter the following command:

```
msiexec.exe /i <path to msi file/QuestCodeTester_ version.msi> /qn
```

Where *version* is the full version, including the build number (for example, 1.8.4.447).

You can also specify an install directory by entering the following command:

```
MSIExec.exe /i <path to msi file/QuestCodeTester_version.msi> /qn  
INSTALLDIR="<destination directory>"
```

Install SQL Optimizer Silently

Review the Microsoft .NET requirements for the various operating systems required to run the SQL Optimizer for Oracle application:

Operating System	.NET Requirement
Windows 2000, 2003, or XP Professional	.NET Framework 2.0 (Service Pack 1 or Service Pack 2) or NET Framework 3.5
Windows Vista, 7, or 2008:	.NET Framework 3.0

To silently install SQL Optimizer in the default directory

1. Extract the MSI from the Quest Installer. See "Extract MSI Files" (page 6) for more information. See "Extract MSI Files" (page 6) for more information.

2. Enter the following command:

```
msiexec /i "<path to msi file\QuestSQLOptimizer_Oracle_Common.msi>" /qn
```

3. Enter the following command:

```
msiexec /i "<path to msi file\QuestSQLOptimzer_Oracle_version.msi>" /qn
```

where

/i = install

/qn = quiet, no UI

To silently install SQL Optimizer in a custom directory

1. Extract the MSI from the Quest Installer. See "Extract MSI Files" (page 6) for more information. See "Extract MSI Files" (page 6) for more information.

2. Enter the following command:

```
msiexec /i "<path to msi file\QuestSQLOptimizer_Oracle_Common.msi>" /qn
```

```
INSTALLDIR="InstallDir"
```

3. Enter the following command:

```
msiexec /i "<path to msi file\QuestSQLOptimzer_Oracle_version.msi>" /qn
```

```
INSTALLDIR="InstallDir"
```

Note: Use the INSTALLDIR parameter if you are upgrading and would like to have both the current version and the new version installed. Otherwise, the upgrade overwrites the current version.

Install Benchmark Factory Silently

To install Benchmark Factory silently

1. Extract the MSI from the Quest Installer. See "Extract MSI Files" (page 6) for more information. See "Extract MSI Files" (page 6) for more information.

2. Enter the following command:

```
msiexec.exe /i "<path to msi file\BenchmarkFactory_version.msi>" /qn  
INSTALLDIR="<destination directory>"
```

Where *version* is the full version, including the build number (for example, 6.0.0.147).

Install Toad Data Modeler Silently

To install Toad Data Modeler silently

1. Extract the MSI from the Quest Installer. See "Extract MSI Files" (page 6) for more information.
2. Enter the following command:

```
setup.msi /q INSTALLDIR="C:\Program Files\Quest Software\Toad Data  
Modeler version\"
```

The argument for the silent installation from a command-line is "/q". To specify a directory where Toad Data Modeler should be installed, use INSTALLDIR="PATH". (Otherwise, the default path is used.)

Example:

To specify the database platform where you want to install Toad Data Modeler or which shortcuts should be created and where, use the ADDLOCAL parameter. If this parameter is not used, a default installation is performed.

Example:

```
setup.msi /q INSTALLDIR="C:\Program Files\Quest Software\Toad Data  
Modeler  
version  
\ADDLOCAL=Complete,XPMANIFEST,SUPPORTDATABASES,SHORTCUTUNINSTALL,  
SHORTCUTDESKTOP,SHORTCUTSTARTMENU,SHORTCUTQUICKLAUNCH,SHORTCUTHELP,  
POSTGRESQL,POSTGRESQL81,POSTGRESQL82
```

If you use the ADDLOCAL parameter, always select the Complete, XPMANIFEST, and SUPPORTDATABASES options. These options are required for the correct installation.

When installing support for a particular database platform, you must install basic support for the selected database platform. For example, to support the Oracle 10g database, Oracle must also be selected.

Shortcuts

You can use the following to create shortcuts when installing silently:

Command	Description
SHORTCUTUNINSTALL	Creates a shortcut for uninstall in the Start menu.
SHORTCUTDESKTOP	Creates a shortcut for Toad Data Modeler on the desktop.
SHORTCUTSTARTMENU	Creates a shortcut for Toad Data Modeler in the Start menu.

Command	Description
SHORTCUTQUICKLAUNCH	Creates a shortcut for Toad Data Modeler in the Quick Launch bar.
SHORTCUTHelp	Creates a shortcut for the Help file, User Manual, and Reference Guide in the Start menu.

Tip: Other parameters for silent installs can be found if you enter the “setup.msi ?” command.

Install Toad for Data Analysts Silently

Before you perform a silent installation, you must install the following software on every computer where you are installing Toad for Data Analysts:

- Microsoft .NET Framework 3.5 (Service Pack 1)
- (Existing DB2 client on system) Toad for Data Analysts installs a DB2 9.7 client as part of the installation process. The DB2 9.7 client can co-exist with an existing DB2 8 client; however, it is incompatible with a DB2 7 client. If a DB2 7 client is already installed on the system, the installation stops and cannot complete. You must first upgrade to the DB2 8 client. Then restart the installation to avoid losing functionality in some DB2 native tools.

To install Toad for Data Analysts silently

1. Extract the MSI from the Quest Installer. See "Extract MSI Files" (page 6) for more information.
2. Enter the following command:

```
msiexec /i "<path to msi file\ToadforDataAnalysts_version.msi>" /q
```

You can use an msi logging switch to include an install log by entering the following:

```
msiexec /i "<path to msi file\ToadforDataAnalysts_version.msi>" /q /L*v  
path_to_verboseLog.txt
```

You can override the following optional properties:

INSTALLDIR	Specify a folder other than default installation folder
READONLY	Enter <i>TRUE</i> if you want to install as read-only
ApplicationUsers	Enter "AllUsers" to install the product for all users, Enter "OnlyCurrentUser" to install the product only for the user that performs the installation.

The following is an example command to install as read-only for all users to a user selected folder:

```
msiexec /i "path_to_installer.msi" INSTALLDIR= "Your_install_path"  
READONLY=TRUE ApplicationUsers="AllUsers" /q
```

Install Spotlight Silently

You cannot install the extracted Spotlight on Oracle file because it is not an MSI file and cannot be run outside of the Quest Installer.

To obtain a copy of the Spotlight on Oracle MSI that you can install silently, contact Quest Support.

Install Spotlight with RAC Option Silently

You cannot install the extracted Spotlight on Oracle with RAC Option because it is not an MSI file and cannot be run outside of the Quest Installer.

To obtain a copy of the Spotlight on Oracle with RAC Option MSI that you can install silently, contact Quest Support.

Note: The Spotlight on Oracle with RAC Option is only included in the Toad DBA Suite for Oracle (commercial or trial) - RAC edition.

About ProductLicenses.xml

The ProductLicenses.xml file can be found in one of three locations depending upon the needs of the product. The locations are Local User, Roaming User, and All Users. By default, all Toad products save the license key information in the Local User directory. However, all of the Toad products are capable of reading from any of the locations. These directories are defined by the operating system and vary from platform to platform. The following tables list the directory locations by platform:

Windows 2000, Windows XP, Windows 2003	
Local user	C:\Documents and Settings\<username>\Local Settings\Application Data\Quest Software\ProductLicenses.xml
Roaming User	C:\Documents and Settings\<username>\Application Data\Quest Software\ProductLicenses.xml
All Users	C:\Documents and Settings\All Users\Application Data\Quest Software\ProductLicenses.xml

Windows Vista, Windows 2008, Windows 7	
Local user	C:\Users\<username>\AppData\Local\Quest Software\ProductLicenses.xml
Roaming User	C:\Users\<username>\AppData\Roaming\Quest Software\ProductLicenses.xml
All Users	C:\ProgramData\Quest Software\ProductLicenses.xml

File Format

The format of the ProductLicenses.xml file consists of a collection of license nodes. There is a license node for each license that has been saved to the computer. Each license node is comprised of three attributes and two elements.

The following is an example of a License node:

```
<License ProductName="[product name]" ProductVersion="[product version]"
KeySaveDate="[key save date]">

<LicenseKey>[License Key]</LicenseKey>

<SiteMessage>[Site Message]</SiteMessage>

</License>
```

License Node Attributes

The following describes the attributes for the license node:

- **ProductName**—This is a case-sensitive text value that is assigned by Quest to uniquely identify the product associated with the license key. ProductNames are not likely to change between versions of the product. It is recommended that you do not alter this attribute.
- **ProductVersion**—This is a unique identifier for a specific version of a product. It is typically only specific to the major version number (1.x). This means that all minor and patch updates are still able to use this key. However it can be specified all the way down to the build number if required by the product (1.0.0.13). Its primary purpose is to support side-by-side installations for different versions of a product.
- **KeySaveDate**—This is the date that the key was saved into the system. This is used internally by the product for determining key priority when more than one suitable key is found. It is interpreted as an OLE date type and is represented as a floating point number. When performing a silent installation, or manually editing the ProductLicenses.xml file, it is recommended that you omit this attribute. If this value is missing, the product automatically updates this attribute with the file's last modified date value.

License Node Elements

The following describes the elements for the license node:

- **LicenseKey**—This is the license key that was provided by Quest.
- **SiteMessage**—This is also provided by Quest, and typically contains the name of the customer and other asset information.

Appendix: Contact Quest

Contact Quest Support

Quest Support is available to customers who have a trial version of a Quest product or who have purchased a Quest product and have a valid maintenance contract. Quest Support provides unlimited 24x7 access to SupportLink, our self-service portal. Visit SupportLink at <http://support.quest.com>.

From SupportLink, you can do the following:

- Retrieve thousands of solutions from our online Knowledgebase
- Download the latest releases and service packs
- Create, update and review Support cases

View the Global Support Guide for a detailed explanation of support programs, online services, contact information, policies and procedures. The guide is available at: <http://support.quest.com>.

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